

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE BEFORE THE  
HONORABLE BOARD OF PATENT APPEALS AND INTERFERENCES**

Application of: James G. Shanahan et al.	)	Examiner: Laurie Anne Ries
	)	
Appl. No.: 09/683,238	)	Art Unit: 2176
	)	
Filed: 12/05/2001	)	Docket No. A1320-US-NP

**Title: META-DOCUMENT MANAGEMENT SYSTEM WITH PERSONALITY  
IDENTIFIERS**

Board of Patent Appeals and Interferences  
United States Patent and Trademark Office  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RESPONSE TO NOTIFICATION OF NON-COMPLIANT APPEAL BRIEF**

Sir:

In the appeal of the present case to the Board of Appeals and Patent Interferences on the Notice dated May 21, 2007 and the Appeal Brief filed September 21, 2007, Appellant respectfully submits herewith a substitute Section V, *Summary of Claimed Subject Matter*, (originally set forth on pages 5-6 of the Appeal Brief) in response to the Notification of Non-Compliant Appeal Brief mailed October 1, 2007.

Respectfully submitted,

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**I. SUMMARY OF CLAIMED SUBJECT MATTER (SUBSTITUTE)**

Generally, the subject matter recited in claims 1, 3-6, 9-14, 16-18, and 21-26 concerns a method, apparatus and article of manufacture therefor, for enriching document content, of which claims 1, 11, and 21 are independent claims directed at a method, apparatus, and article of manufacture, respectively, which are more fully described in paragraphs 0156-0180, which refer to Figures 2, 5 and 6, of Appellant's specification.

**A. Independent Claims 1 and 21**

Claim 1 and claim 21 are discussed in this section A together as claim 21 sets forth an article of manufacture comprising computer usable media including computer readable instructions embedded therein that cause a plurality of computers to perform a method as recited in claim 1.

In the method recited in claims 1 and 21, a personality identifier that is machine readable is stored on an identification tag, such as electronic identification tag 502 shown in Appellant's Figure 5 and discussed in paragraph 0161. The personality identifier identifies a personality (i.e., a thematic set of services applied to enrich a document; see paragraph 0124 of Appellant's specification) in a database of personalities. The personality identifier is recorded from the identification tag 502 with a reader, such as tag reader 506 shown in Appellant's Figure 5 and discussed in paragraph 0162.

Context information is recorded with the reader 506 when the personality identifier is recorded. The recorded context information recorded with the reader 506 includes time information and position information, which time information includes information identifying when the personality identifier is recorded with the reader 506 and which position information includes information identifying where the personality identifier is recorded with the reader 506. (See Appellant's paragraph 0164.)

Document content is identified with the reader 506 using (i) the recorded context information and (ii) metadata recorded recording when and where document content is accessed with the reader, which identification of document content is based on when and where (i) the personality identifier is recorded with the reader and (ii) document content is accessed with the reader. (See Appellant's paragraph 0165.)

The identified document content and the recorded personality identifier are transmitted from the reader 506 to a meta-document server, such as the meta-document server 200 shown in Figure 2 and discussed in paragraph 0159. The meta-document server 200 associates the personality identifier with a personality in a database of personalities, such as personality database 212 shown in Figure 2 and discussed in paragraph 0159.

The identified document content is enriched at the meta-document server 200 using a set of document service requests identifying enrichment themes that are defined by the associated personality, which enriching of document content involves recognizing and annotating entities in the identified document content related to the enrichment themes of the associated personality, such as document service requests 106 shown in Appellant's Figures 1 and 3 and discussed in paragraphs 0143 and 0149. The enriched document content is made available at the meta-document server, as discussed in Appellant's paragraph 0170.

#### B. Independent Claim 11

The apparatus recited in independent claim 11 is a system for enriching document content.

The system recited in independent claim 11 includes *an identification tag* for storing a personality identifier that is machine readable, such as electronic identification tag 502 shown in Appellant's Figure 5 and discussed in paragraph 0161.

The apparatus recited in independent claim 11 also includes *a reader*, such as tag reader 506 shown in Appellant's Figure 5 and discussed in paragraph 0162, for recording the personality identifier from the identification tag 502. The reader 506 records context information when the personality identifier is recorded and identifies document content using the recorded context information.

The context information recorded with the reader 506 includes time information and position information, which time information includes information identifying when the personality identifier is recorded with the reader and which position information includes information identifying where the personality identifier is recorded with the reader 506. (See Appellant's paragraph 0164.)

In addition, the reader 506 identifies document content using (i) the recorded context information and (ii) metadata recorded recording when and where document content is accessed with the reader, which identification of document content is based on when and where (i) the personality identifier is recorded with the reader and (ii) document content is accessed with the reader. (See Appellant's paragraph 0165.)

The apparatus recited in independent claim 11 further includes a *meta-document server*, such as the meta-document server 200 shown in Figure 2 and discussed in paragraph 0159. The meta-document server 200 (a) receives from the reader 506 the recorded personality identifier and the identified document content, (b) associates the personality identifier with a personality (i.e., a thematic set of services applied to enrich a document; see paragraph 0124 of Appellant's specification) in a database of personalities, such as personality database 212 shown in Figure 2 and discussed in paragraph 0159, (c) enriches the identified document content using a set of document service requests identifying enrichment themes that are defined by the associated personality, such as document service requests 106 shown in Appellant's Figures 1 and discussed in paragraphs 0143 and 0149, by recognizing and annotating entities in the identified document content related to the enrichment themes of the associated personality, and (d) makes the enriched document content available, as discussed in Appellant's paragraph 0170.